

SAFETY DATA SHEET

ENGINE DEGREASER



SECTION 1. PRODUCT INFORMATION

Product Name: ENGINE DEGREASER

Product Class: CAR CARE PRODUCT

Product Code: DE-8073

Healthy Rating: 2

Flammability rating: 1

Reactivity Rating: 1

Fire: 1

PPE: B

SECTION 2. COMPOSITON/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	Weight Percent
2-Butoxyethanol	111762	1-2%
Alkyl Aryl Sulfonate	78330128	<1%
Carbon dioxide	124389	1-3%
Ethoxylated Nonyl Phenol	9016459	3-5%
Petroleum distillate, Aliphatic	68476346	80-88%
Petroleum naphtha	64742945	6-9%

SECTION 3. HEALTH HAZARD INFORMATION

Acute Effects:

Eye Hazards:

Contact with eyes can cause irritation, burning, tearing redness and blurred vision.

May cause eye injury.

Skin Hazards:

May cause skin irritation.

Ingestion Hazards:

Contains methanol, may be fatal or cause blindness if swallowed.

Inhalation Hazards:

Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

Chronic/Carcinogenicity Effects:

May cause kidney and liver damage.

Signs and Symptoms:

-Prolonged inhalation of vapor or mist may cause headache, dizziness and nausea.

-Prolonged contact with the skin causes irritation.

-Contact with eyes causes irritation and possible injury.

-Contains methanol, fatal or causes blindness if swallowed.

Conditions Aggravated By Overexposure:

Pre-existing lung, liver, kidney, coronary and nervous system disorders.

Medical Conditions Aggravated by Exposure:

Pre-existing eye, skin and respiratory disorders.

SECTION 4. FIRST AID MEASURES

Route(s) of Entry:

Absorption, Eye, Inhalation, and Ingestion.

Emergency and First Aid Procedures:

Eye Contact:

Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

Skin Contact:

Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention.

Inhalation:

Remove to fresh air.

If breathing becomes difficult give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention.

Ingestion:

Do not induce vomiting.

Call Poison Control Center, physician, or hospital emergency room immediately.

Aspiration of vomiting into the lungs can cause pneumonitis, which can be fatal.

SECTION 5. FIRE FIGHT MEASURES

Product does not support combustion. Use extinguisher suitable to cause of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to Be Taken When Material Is Released or Spilled:

-Evacuate area and ventilate.

-Remove leaking container and transfer remaining product to another vessel.

-Mop or soak up spill with absorbent material and transfer to disposal drums using non-sparking equipment.

-Store in closed containers.

-Do not flush product to sewer.

SECTION 7. HANDLING AND STORAGE

Store in ambient conditions.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

This product does not pose a hazard I normal use. Care should be taken not to inhale the spray, Gloves and eye protection are advisable.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	N/A
Evaporation Rate (Butyl Acetate = 1):	N/D
Vapor Pressure (mm Hg.):	N/D
Specific Gravity (H ₂ O = 1):	0.86000
Vapor Density (AIR = 1):	1.2
Solubility In Water:	Emulifies

SECTION 10. STABILITY AND REACTIVITY

Stability:

Stable

Conditions to Avoid:

Open flames, electric arcs and other hot surfaces which may cause thermal decomposition.

Incompatibility (Materials to Avoid):

Oxygen and strong oxidizing agents. Will attack some forms of plastic and rubber.

Hazardous Decomposition products:

Carbon monoxide, carbon dioxide, if burned.

Hazardous Polymerization:

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Estimated acute oral toxicity:	LD50(Rat) > 100ml/kg
Eye irritation:	Irritating to eyes
Skin irritation:	Irritating to skin
Chronic toxicity:	No adverse effects expected from repeated exposure
Contact sensitization:	Not expected to provoke a sensitization reaction

SECTION 12. ECOLOGICAL INFORMATION

Normal use of this product will result in release to the sewerage system. No adverse effects will be caused to the sewerage system and the product is not considered harmful to aquatic organisms nor is it expected to produce long term adverse effects in the environment. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable state, federal and local regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated transport.

SECTION 15. REGULATORY INFORMATION

The following safety phrases should be followed when using this product.:

S2 Keep out or the reach of children.

S23 Do not breathe spray.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46 If swallowed seek medical advice immediately and show this container or label.

*****End of MSDS*****

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